

Title (en)

System and method for feeding pulp suspension to a headbox

Title (de)

System und Verfahren zur Zuführung einer Faserstoffsuspension in einem Stoffauflauf

Title (fr)

Système et procédé d'alimentation d'une caisse de tête

Publication

EP 1416084 B1 20070307 (DE)

Application

EP 03022309 A 20031002

Priority

DE 10250865 A 20021031

Abstract (en)

[origin: EP1416084A1] A papermaking assembly has a headbox which dispenses a regulated suspension of fibers and fluid to a moving bed. The ratio of fiber to fluid is regulated by first (12) and second (44) dilution assemblies, each with its own air-bleed unit (16, 20). The second dilution station has a defined mixing point (44) located between a volume-regulated pump (42) delivering the mixture as a jet, and a second pump (56). The second pump draws the second-stage suspension at a rate which is dependent upon the operating speed of the first and second pumps, pref. at a rate of 1500 to 2000 litres/min. the mixer station is located immediately prior to the headbox pump (56).

IPC 8 full level

D21D 5/26 (2006.01); **D21F 1/66** (2006.01)

CPC (source: EP)

D21D 5/26 (2013.01); **D21F 1/66** (2013.01)

Cited by

WO2005005716A1; EP2988843B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1416084 A1 20040506; EP 1416084 B1 20070307; AT E356249 T1 20070315; CN 1499009 A 20040526; DE 10250865 B3 20040513; DE 50306732 D1 20070419

DOCDB simple family (application)

EP 03022309 A 20031002; AT 03022309 T 20031002; CN 200310102949 A 20031030; DE 10250865 A 20021031; DE 50306732 T 20031002